

## ASTD/TDI Project Static Report

### *Mixed Waste Debris Macroencapsulation Technology*

<b>Focus Area:</b>	Mixed Waste Focus Area	<b>Focus Area Manager:</b> Kenneth Merrill, (208) 526-0797
<b>TTP No.:</b>	OR09MW51	<b>Principal Investigator:</b> M. A. Ebadian, (305) 348-3585
<b>Lead Site:</b>	Oak Ridge	
<b>Project No.:</b>	99-ASTD-11	<b>Technology Vendor(s)/Commercial Partner(s):</b>
<b>Tech ID/TMS No.:</b>	2927	ARROW-PAK by Arrow Construction, Inc.
<b>Related Publication(s):</b>	None	

**Web Page(s):**

**Description:** High density Polyethylene (HDPE) sleeves are fused to HDPE endcaps using localized heating and high pressure contact. The sleeves and endcaps form a tube for macroencapsulating mixed waste debris.

**Application:** Treatment standard for hazardous debris using the RCRA alternative immobilization technology of macroencapsulation.

**Location(s):** K-1420 Mixed Waste Debris at ORNL

**Technology(ies):**

ARROW-PAK High-Density Polyethylene Sleeve with Fused End Caps

	<b>Funding (\$K):</b>	<b><u>FY-98</u></b>	<b><u>FY-99</u></b>	<b><u>FY-00</u></b>	<b><u>FY-01</u></b>	<b><u>Total</u></b>
<b>TTP No.:</b>	OR09MW51	\$0	\$1,500	\$1,250	\$0	\$2,750
<b>Leverage Source:</b>	EM-30					\$2,500
						<b>Funding Total (\$K):</b>
						\$5,250

<b>Cost Savings (\$M):</b>	<b><u>Proposal</u></b>	<b><u>Deployment Plan/TTP</u></b>	<b><u>Current Focus Area Projection</u></b>
	\$83,400	\$83,400	\$83,400